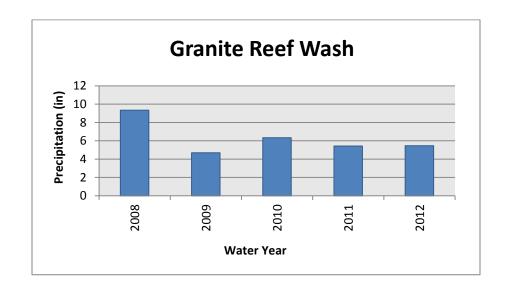


### Station Name: Granite Reef Wash

Station ID Number History:	<b>4725</b> since 06/26/07
<b>Station Type:</b>	Rain / Stream
Data Begins:	06/26/2007
Years of Record:	5.27 (as of 10/01/12)
Data Repeater:	Direct
TRS:	T2N-R4E-Section 36
Latitude:	33° 27' 57.6" (33.4660)
Longitude:	111° 53' 54.7" (111.8985)
<b>Elevation:</b>	1,195 ft. msl
Location:	McDowell Rd., 200 yards E of Granite Reef
Data Record:	
Partial Months (>10 days missing):	None
Missing Months:	None
Remarks:	Records Good



#### **Data Statistics for Period of Record:**

Number of storms greater than 1 inch in 24 hours:	6
Number of storms greater than 2 inches in 24 hours:	0
Number of storms greater than 3 inches in 24 hours:	0
Greatest 15 minute total:	0.59"on 08/23/12
Greatest 1 hour total:	0.87"on 08/07/08
Greatest 3 hour total:	1.02"on 08/07/08
Greatest 6 hour total:	1.18" on 10/05/10
Greatest 24 hour total:	1.30" on 01/21/10
Greatest 72 hour total:	2.32"on 01/21/10

#### Water Year Totals: (Mean of Complete Water Years [5] = 6.25 inches)

Water Year	Total	Water Year	Total
2020		2010	6.34
2019		2009	4.69
2018		2008	9.33
2017		2007	М
2016		2006	
2015		2005	
2014		2004	
2013		2003	
2012	5.47	2002	
2011	5.43	2001	

M: One or more months contain partial or missing data

# Daily Precipitation Totals And Annual Statistics Are On The Following Pages

Daily Rainfall at Granite Reef Wash (gage # 4725) for Water Year 2012

DAY	0ct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep			
1 2 3 4	. 12	. 04	. 08							. 04		. 08			
5 6		. 24													
7		. 24										. 59			
8 9								. 28							
10 11												. 04			
12 13 14 15 16		. 20	. 20 . 63							. 28 . 04 . 43 . 04					
17											.16				
18 19			. 08			. 28									
20 21 22 23 24											. 24 . 04 . 75				
25							4.5								
26 27							. 12								
28 29										. 20 . 08					
30 31															
SUM	0.12	0.71	0.98	0.00	0.00	0.28	0.12	0.28	0.00	1.10	1.18	0.71			
ACC	0.12	0.83	1.81	1.81	1.81	2.09	2.20	2.48	2.48	3.58	4.76	5.47			
MAX	0.12	0.24	0.63	0.00	0.00	0.28	0.12	0.28	0.00	0.43	0.75	0.59			
NO.	1	4	4	0	Θ	1	1	1	Θ	7	4	3			
							Maxi	mum Da	ily Ra	infall		0.75			
							Maxi	mum Mo	nthly	Rainfa	11	1.18			
							Tota	ıl Annu	al Rai	nfall		5.47			
							Numb	Number of Days with Rain							

Daily Rainfall at Granite Reef Wash (gage # 4725) for Water Year 2011

DAY	0ct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1 2 3 4 5 6 7 8	1.18										. 08 . 04	
9 10							. 39			. 12		
11 12										. 35		
13 14 15 16 17			. 12									. 04
18					42			. 04				
19 20 21 22 23	. 39		.31		. 43	.12						
24 25										. 43		
26 27					. 04 . 35							
28 29 30 31			. 55 . 31									
SUM	1.61	0.00	1.30	0.00	0.91	0.12	0.39	0.04	0.00	0.91	0.12	0.04
ACC	1.61	1.61	2.91	2.91	3.82	3.94	4.33	4.37	4.37	5.28	5.39	5.43
MAX	1.18	0.00	0.55	0.00	0.43	0.12	0.39	0.04	0.00	0.43	0.08	0.04
NO.	3	Θ	4	Θ	4	1	1	1	Θ	3	2	1
							Maxi	mum Da	ily Ra	infall		1.18
							Maxi	mum Mo	nthly	Rainfa	11	1.61
							Tota	ıl Annu	al Rai	nfall		5.43
							Numb	er of	Days w	ıith Ra	in	20

Annual Total (mm): 138 Days Down: 2.50 Gage 4725 down from 07/29 06:42 (134) through 07/31 18:42 (134) due to data collision; no rain fell.

Daily Rainfall at Granite Reef Wash (gage # 4725) for Water Year 2010

DAY	0ct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1 2 3 4 5 6 7 8 9 10 11 12			.39		. 04	. 28 . 04 . 08						
14 15 16 17 18 19 20 21 22 23 24			.16	. 04 . 87 1.30 . 27	. 12 . 16 . 24	. 43				.12	. 28 . 04 . 24 . 08	. 04
25 26 27 28 29 30 31				. 08	.08 .51 					.31	. 04	
SUM	0.00	0.00	0.55	2.56	1.14	0.83	0.00	0.00	0.00	0.43	0.79	0.04
ACC	0.00	0.00	0.55	3.11	4.25	5.08	5.08	5.08	5.08	5.51	6.30	6.34
MAX	0.00	0.00	0.39	1.30	0.51	0.43	0.00	0.00	0.00	0.31	0.28	0.04
NO.	Θ	Θ	2	5	6	4	0	Θ	0	2	6	1
								mum Da				1.30
								mum Mo			11	2.56
								ıl Annu				6.34
Notes:							Numb	er of	Days w	ith Ra	in	26

Annual rainfall in millimeters: 161

Gage 4725 down from 12/10 10:18 (10) through 12/14 10:18 (10) due to repeater failure; no rain fell. Gage 4725 down from 12/14 16:18 (10) through 12/17 09:46 (10); failure not documented; no rain fell. Gage 4725 down from 04/22 15:28 (129) through 04/25 09:28 (129) due to data collision; no rain fell. Gage 4725 down from 04/29 09:28 (129) through 05/02 03:28 (129) due to data collision; no rain fell.

## Flood Control District of Maricopa County ALERT System Daily Rainfall at Granite Reef Wash (gage # 4725) for Water Year 2009

DAY	Oct							May			Aug	Sep	
1 2 3 4 5				.20						.16		.04	
7 8 9 10 11 12					.39 .24 .35		.24						
13 14 15 16 17			.20		.12						.24		
19 20 21 22 23 24			.12	.08				.12		.12	.12		
25 26 27 28 29 30		.12	.35										
31													
SUM	0.00	0.31	1.30	0.28	1.10	0.00	0.24	0.20	0.00	0.28	0.35	0.63	
ACC	0.00	0.31	1.61	1.89	2.99	2.99	3.23	3.43	3.43	3.70	4.06	4.69	
MAX	0.00	0.20	0.35	0.20	0.39	0.00	0.24	0.12	0.00	0.16	0.24	0.59	
NO.	0	2	6	2	4	0	1	2	0	2	2	2	
							Maxi	.mum Da	ily Ra	infall		0.59	
				Maximum Monthly Rainfall									
							Tota	ıl Annu	al Rai	nfall		4.69	
Notes:							Numb	er of	Days w	rith Ra	in	23	

Annual rainfall in millimeters: 119 Total down-time: 0.00 days

Daily Rainfall at Granite Reef Wash (gage # 4725) for Water Year 2008

DAY	0ct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1 2			.16									
3					. 28							
5 6					. 20						. 12 . 04	
7 8			. 43 . 39	. 59							1.06	
9 10			. 08							. 20		. 04
11 12			.04							.43		
13 14										.83		
15 16					. 24							
17 18												
19 20					. 08							
21 22								. 20				
23 24				. 04				. 12				
25 26											. 59 . 04	
27 28				. 94 . 16							. 16 . 94	
29 30		1.06									. 08	
31												
SUM	0.00	1.06	1.10	1.73	0.59	0.00	0.00	0.31	0.00	1.46	3.03	0.04
ACC	0.00	1.06	2.17	3.90	4.49	4.49	4.49	4.80	4.80	6.26	9.29	9.33
MAX	0.00	1.06	0.43	0.94	0.28	0.00	0.00	0.20	0.00	0.83	1.06	0.04
NO.	Θ	1	5	4	3	Θ	Θ	2	Θ	3	8	1
							Maxi	mum Da	ily Ra	infall		1.06
							Maxi	mum Mo	nthly	Rainfa	11	3.03
							Tota	l Annu	al Rai	nfall		9.33
Notes:							Numb	er of	Days w	ith Ra	in	27

Annual rainfall in millimeters: 237

Total down-time: 0.00 days

Daily Rainfall at Granite Reef Wash (gage # 4725) for Water Year 2007

DAY	0ct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2												
3											. 04	
4											. 08	
5												
6 7												
8												
9												
10												
11												
12												
13												
14											. 16	
15												
16												
17												
18										0.0		
19 20										. 08		
20												
22												
23												
24												
25										. 04		
26												
27												
28												
29											.04	
30										. 83		
31												
SUM										0.94	0.31	0.00
ACC									0.00	0.94	1.26	1.26
MAX									0.00	0.83	0.16	0.00
NO.									0	3	4	0
							Maxi	mum Da	ily Ra	infall		0.83
							Maxi	mum Mc	nthly	Rainfa	11	0.94
							Part	i <b>al</b> An	ınual R	Rainfal	1	1.26
	Number of Days with Rain										7	
Notes:							NUIID	ופו טו	Days W	ritii Ka	1111	/

Partial annual rainfall in millimeters: 32

Station installed on 6/26/2007.

Total down-time: 0.00 days